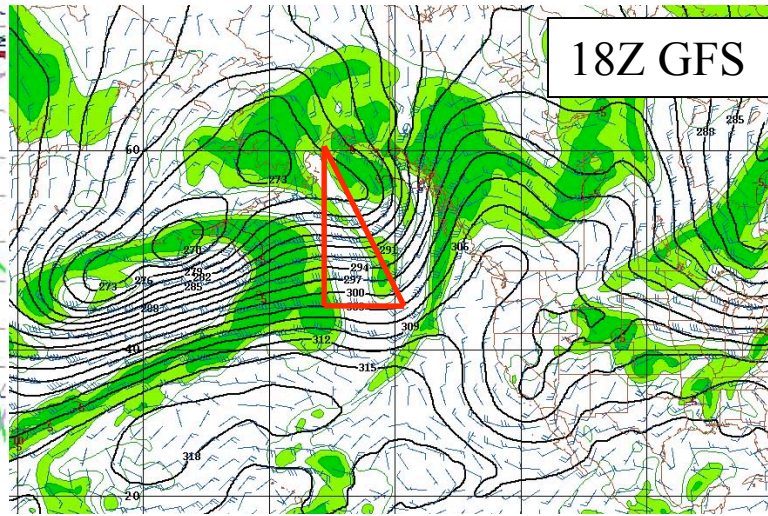
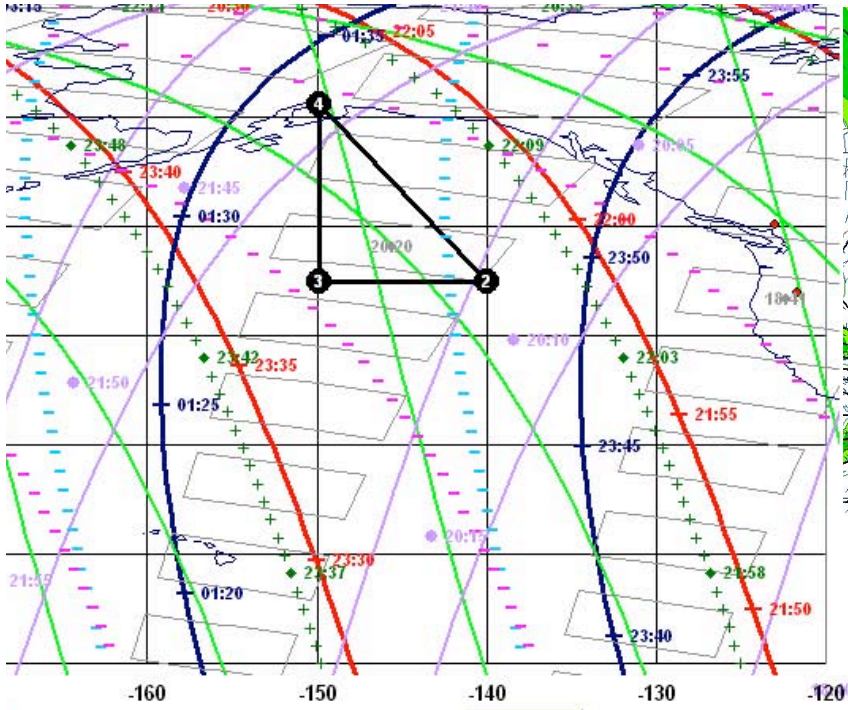


DC-8 Proposed Flight Track Thursday, 4/4/2006



11 am takeoff

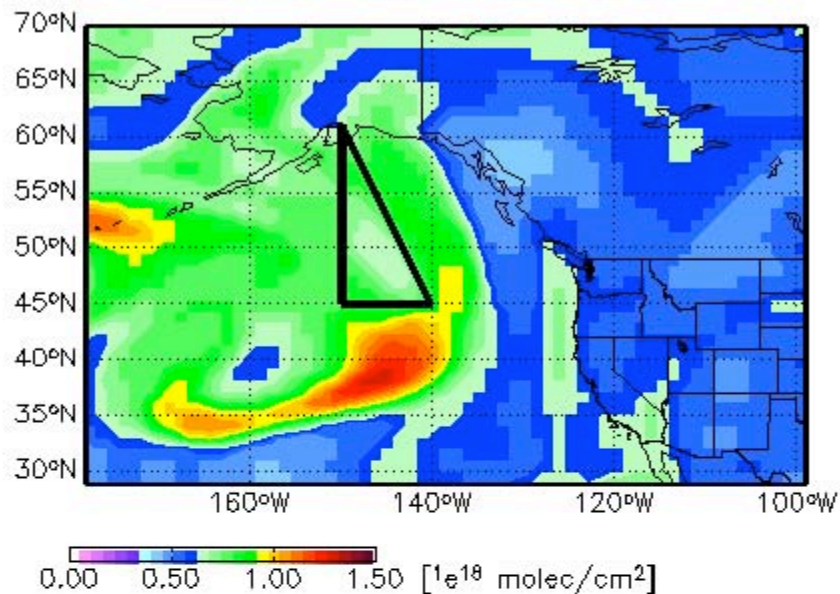
8-9 hr flight

Objectives: “Slice and Dice” of Aleutian Low

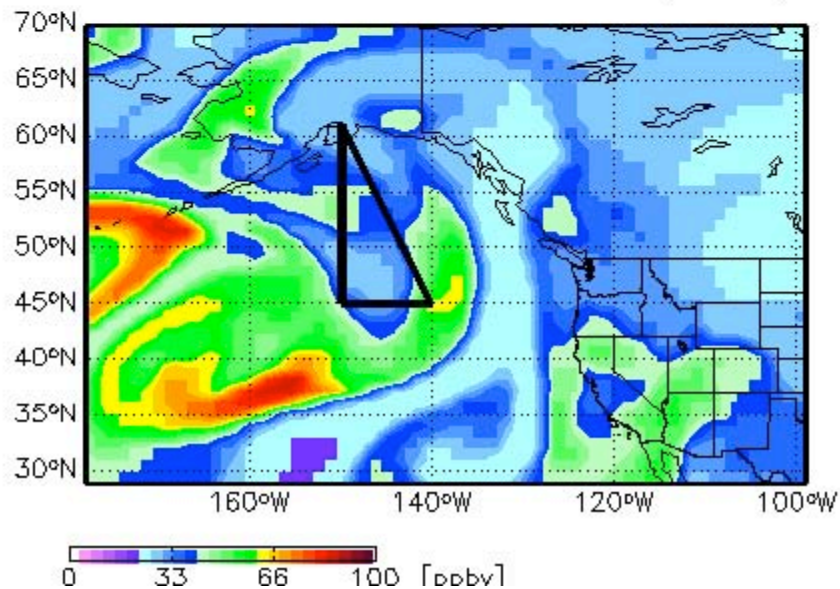
- Clear air sampling of mixing of Arctic background, clean maritime, and recent Asian emissions within synoptic low.
- Coordinated with C130 frontal transect flight on Friday

GMAO DC-8 Proposed Flight Track Thursday, 4/4/2006

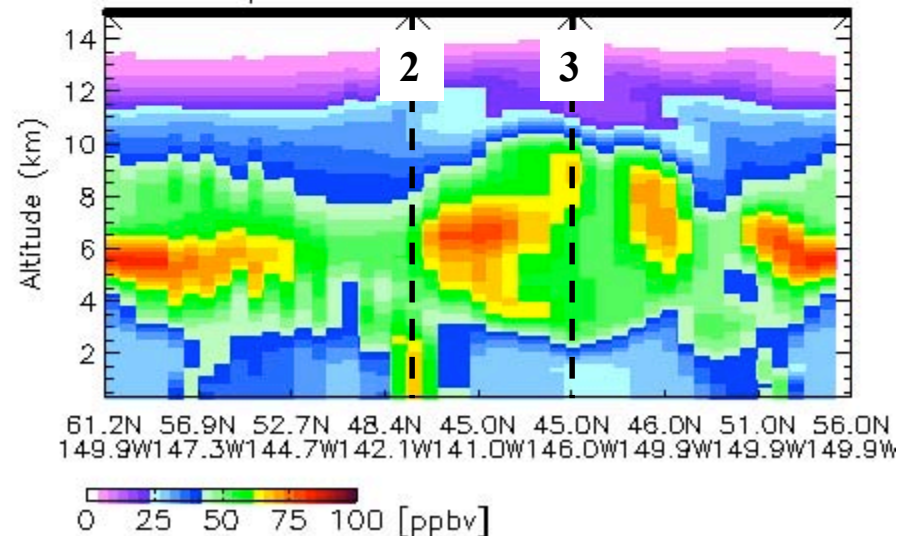
Asian CO columns 20060504 18 GMT



Asian CO 20060504 18 GMT at 790 hPa (2.2 km)



Curtain plot – Asian CO 20060504 18 GMT

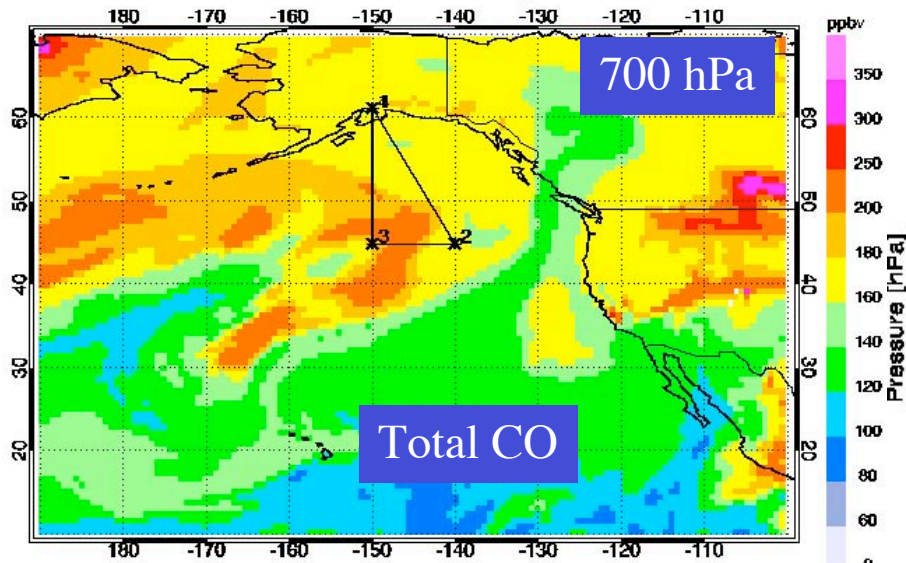


GMAO shows Asian plume
at 6km within low



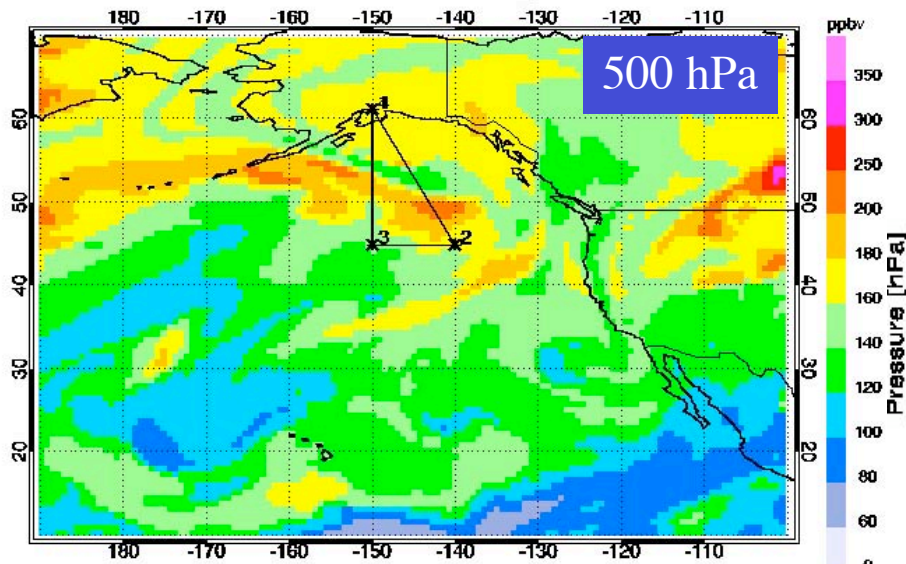
CO Forecast valid for 05/04 18Z

MOZART forecast CO 20060504_18Z 700hPa



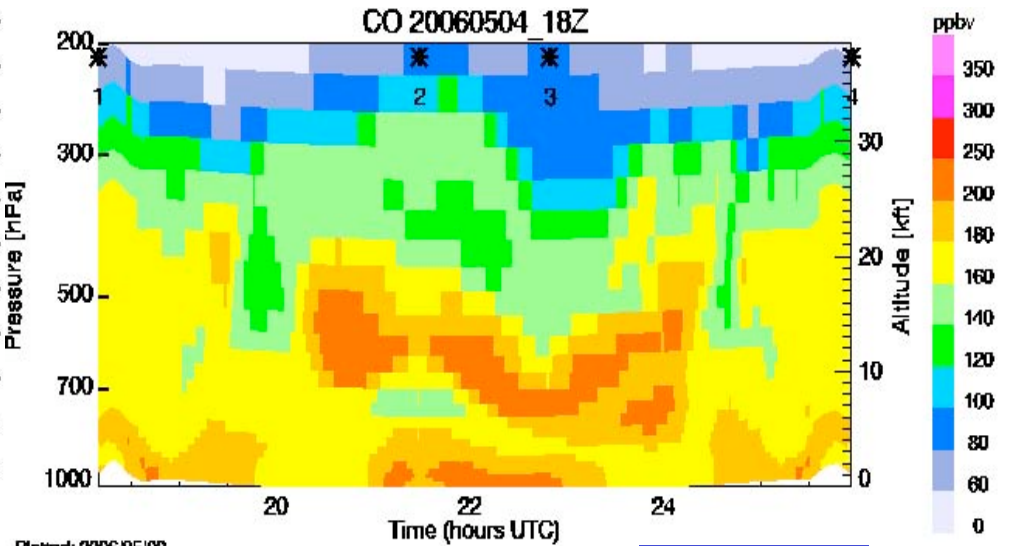
Plotted: 2006/05/02

MOZART forecast CO 20060504_18Z 500hPa



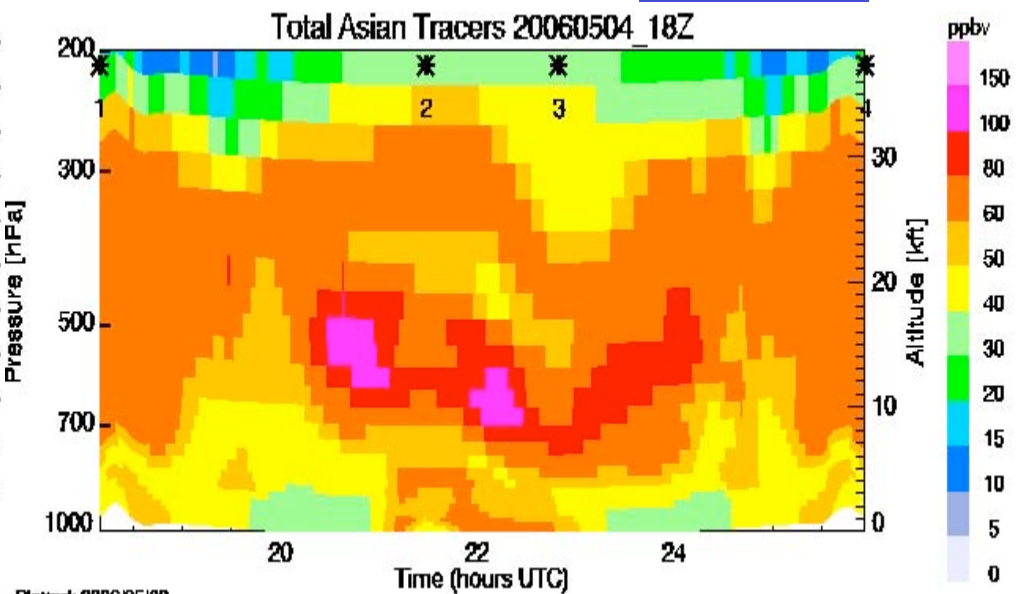
Plotted: 2006/05/02

Total CO



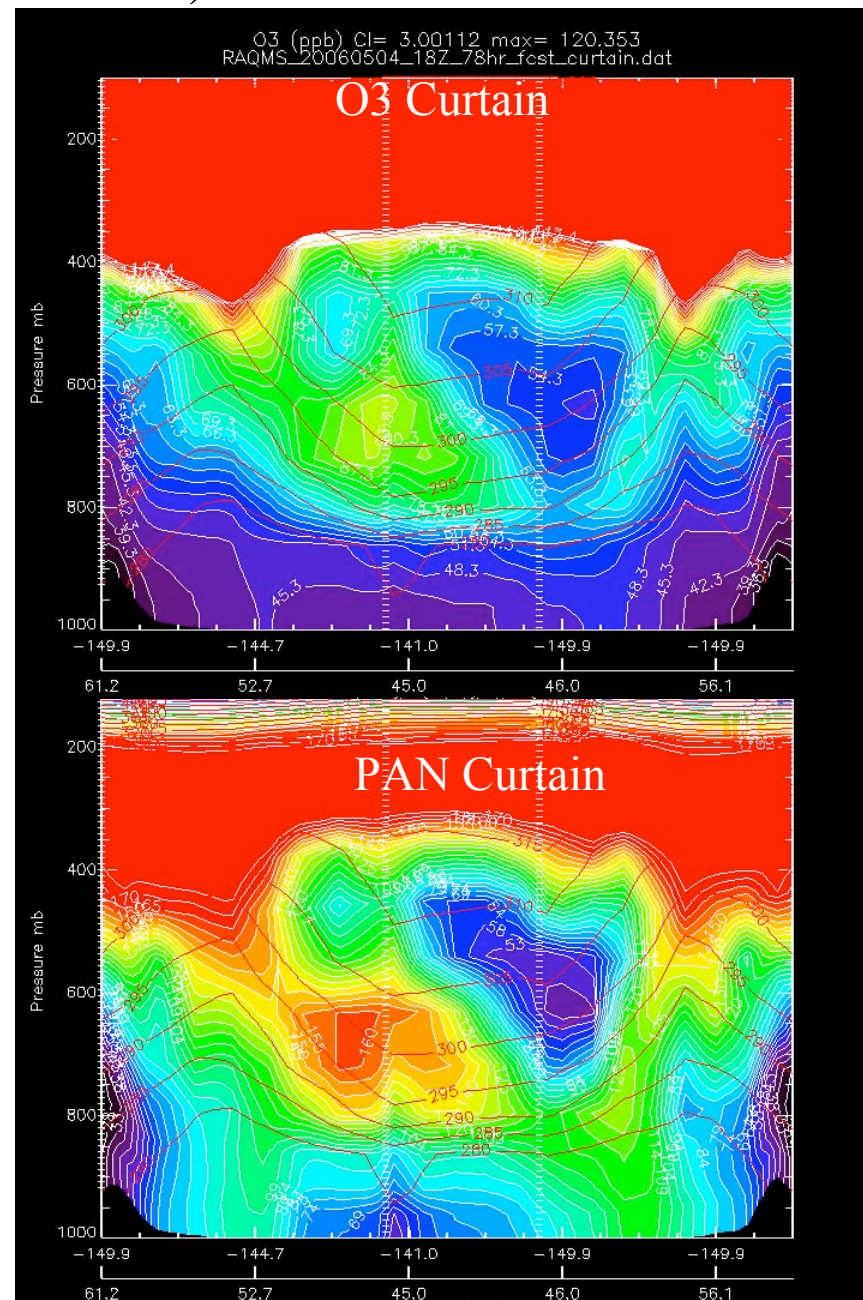
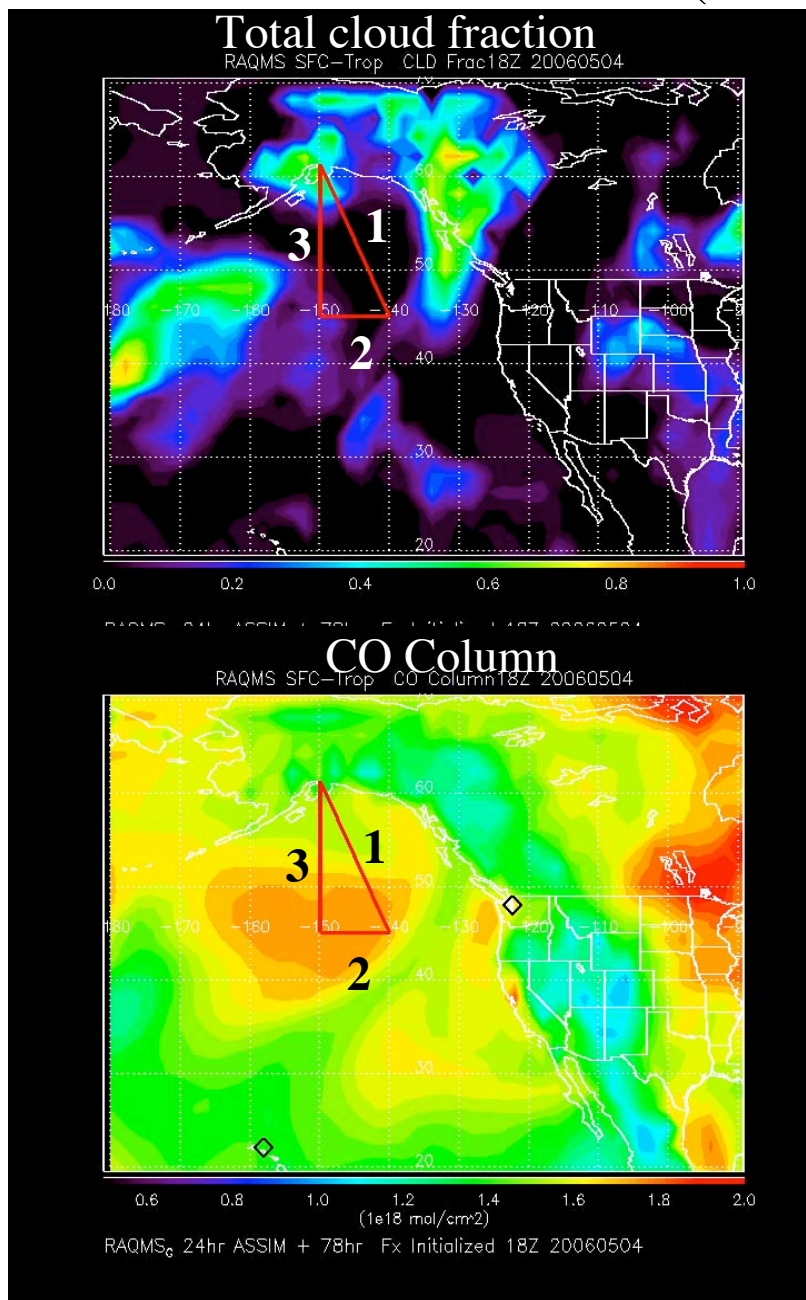
Plotted: 2006/05/02

Asian CO



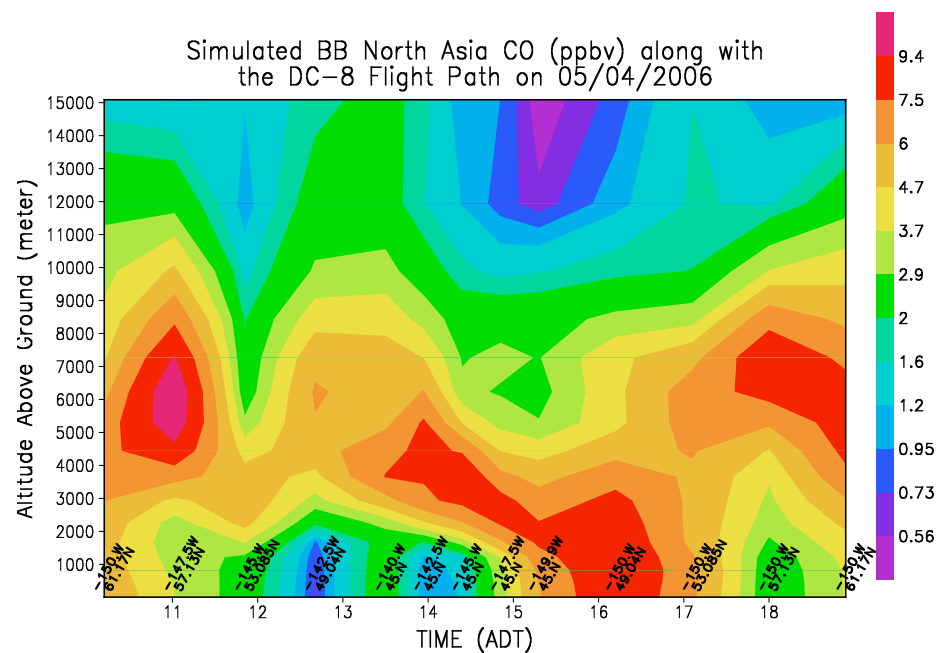
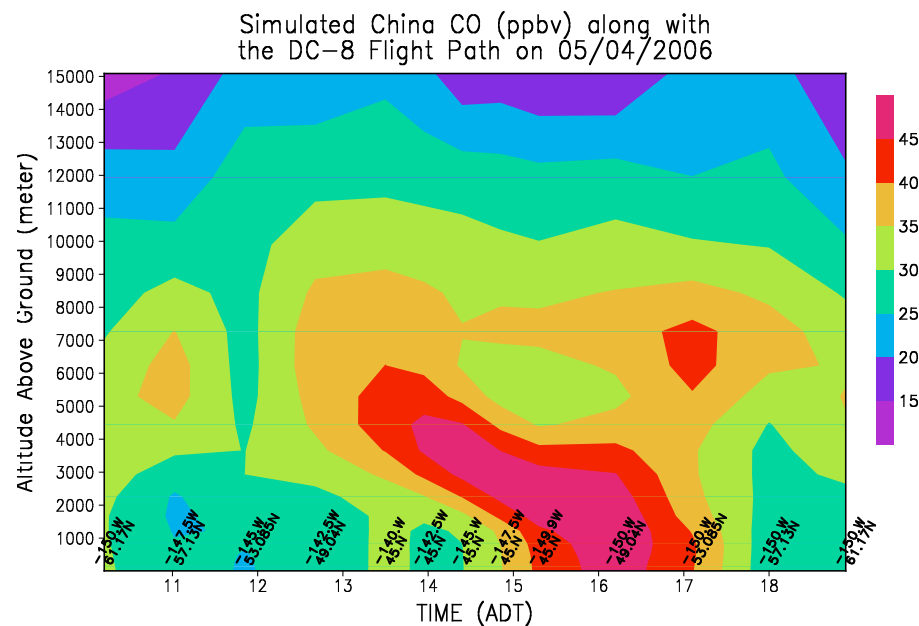
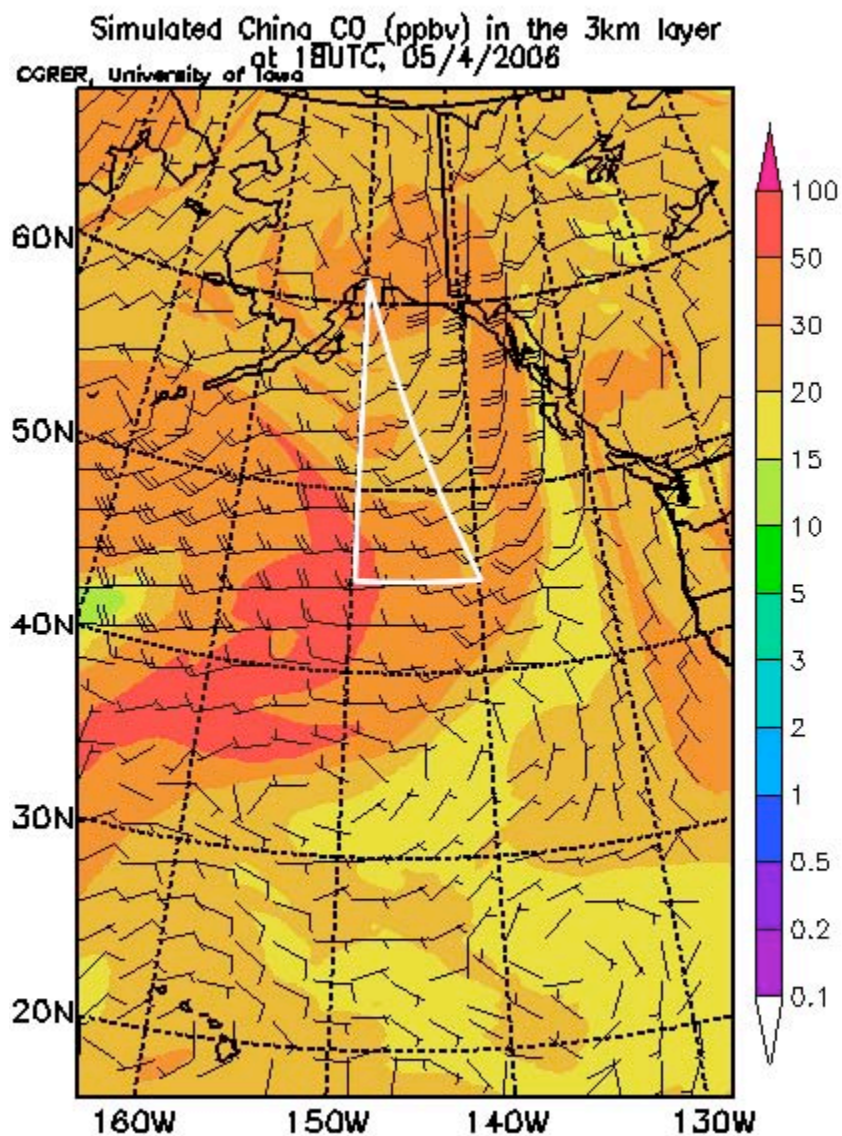
Plotted: 2006/05/02

RAQMS Columns with tentative track 78hr Fx valid 18Z 05/04 (10AM Thur. 05/04 ANC)

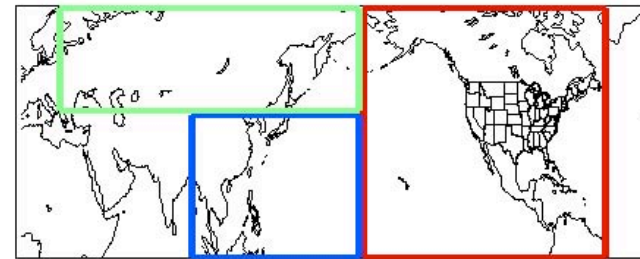
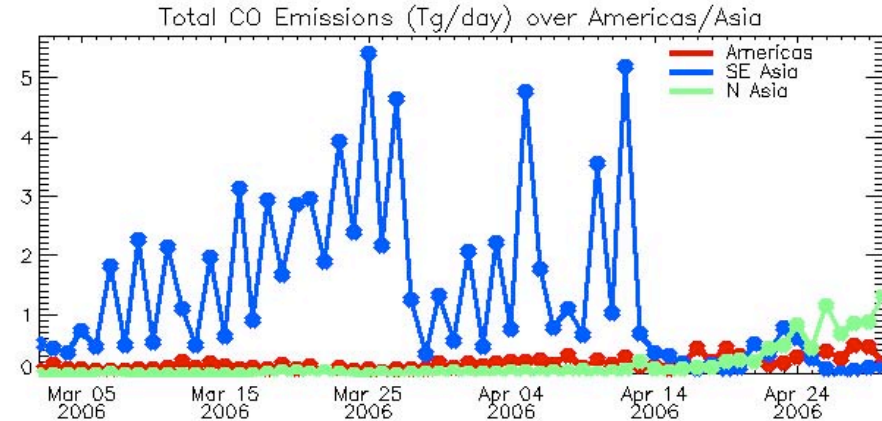
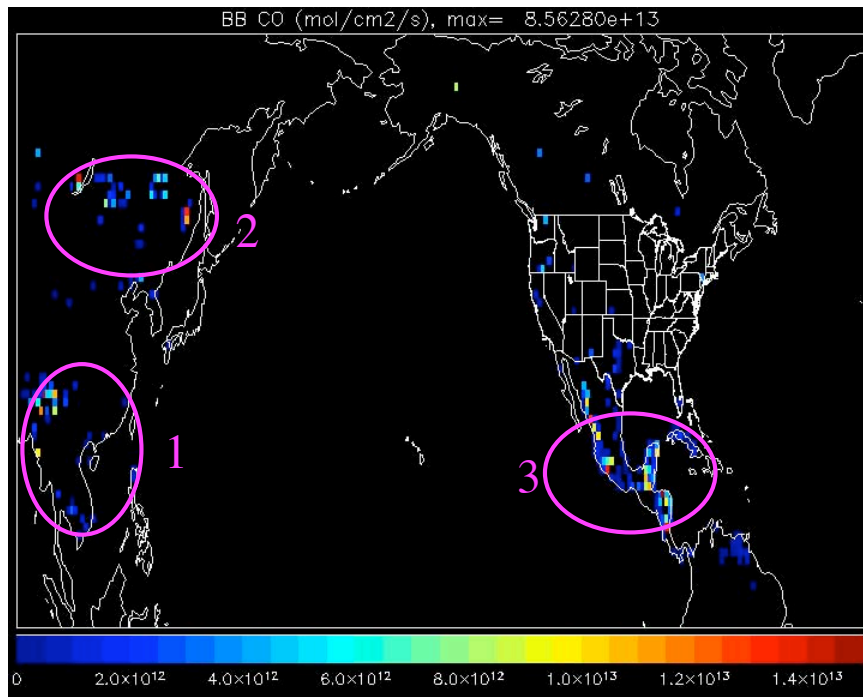


STEM CO Forecast

18Z 05/04/06



RAQMS near-real-time biomass burning CO emissions summary through 12Z May 1



1. Very little burning in SE Asia.
2. Scattered burning in E. Siberia, increasing burning in W. Siberia/E. Europe.
3. Americas burning dominated by Central America/Yucatan.

